STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _10/556,640_
Source: _PCT_
Date Processed by STIC: _11/21/2005_

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT
MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO **REDUCE** ERRORED SEQUENCE LISTINGS, **PLEASE** USE THE <u>CHECKER</u>
<u>VERSION 4.2.2 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
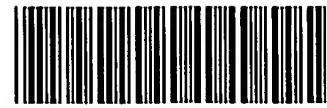### http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (**<http://www.uspto.gov/ebc/efs/downloads/documents.htm>** , **EFS Submission User Manual** - ePAVE)
2. **U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. **Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):**
   U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05

PO

RAW SEQUENCE LISTING   DATE: 11/21/2005
PATENT APPLICATION: US/10/556,640   TIME: 15:10:57

      Input Set : N:\SMITH\PTO.TS1.txt
      Output Set: N:\CRF4\11212005\J556640.raw

   3 <110> APPLICANT: PENG, Zhaohui etc.
   5 <120> TITLE OF INVENTION: Recombinant gene Medicine of Adenovirus Vector and P53 gene for
eating
   6   Proliferative Diseases
   8 <130> FILE REFERENCE: CPS41234
-> 10 <140> CURRENT APPLICATION NUMBER: US/10/556,640
-> 12 <141> CURRENT FILING DATE: 2005-11-10
  14 <150> PRIOR APPLICATION NUMBER: CN03125129.3
  16 <151> PRIOR FILING DATE: 2003-05-10
  18 <160> NUMBER OF SEQ ID NOS: 1
  20 <170> SOFTWARE: PatentIn version 3.1

Does Not Comply
Corrected Diskette Needed
CPg̃ 1,2)

RORED SEQUENCES

  22 <210> SEQ ID NO: 1
  24 <211> LENGTH: 2848
  26 <212> TYPE: DNA
-> 28 <213> ORGANISM: Artifical sequence
-> 30 <220> FEATURE:
-> 30 <223> OTHER INFORMATION:
-> 30 <400> 1

Mandatory Response for <213> if Organism is Artificial on line <223>. Pls see Error Explanation on pg 3.

  31 atgtttaccg ccacactcgc agggtctgca cctggtgcgg gtctcatcgt acctcagcac   60
  33 cttccagatc tctgacatgc gatgtcgact cgactgcttc gcgatgtacg ggccagatat   120
  35 acgcgtatct gaggggacta gggtgtgttt aggcgaaaag cggggcttcg gttgtacgcg   180
  37 gttaggagtc ccctcaggat atagtagttt cgcttttgca tagggagggg gaaatgtagt   240
  39 cttatgcaat actcttgtag tcttgcaaca tggtaacgat gagttagcaa catgccttac   300
  41 aaggagagaa aaagcaccgt gcatgccgat tggtggaagt aaggtggtac gatcgtgcct   360
  43 tattaggaag gcaacagacg ggtctgacat ggattggacg aaccactgaa ttccgcattg   420
  45 cagagatatt gtatttaagt gcctagctcg atacaataaa cgccatttga ccattcacca   480
  47 cattggtgtg cacctccaag cttggtaccg agctcggatc ccgctagagc caccgtccag   540
  49 ggagcaggta gctgctgggc tccggggaca ctttgcgttc gggctgggag cgtctttcca   600
  51 cgacggtgac acgcttccct ggattggcag ccagactgct ttccgggtca ctgccatgga   660
  53 ggagccgcag tcagatccta gcgtcgagcc ccctctgagt caggaaacat tttcagacct   720
  55 atggaaacta cttcctgaaa acaacgttct gtcccccttg ccgtcccaag caatggatga   780
  57 tttgatgctg tccccggacg atattgaaca atggttcact gaagacccag gtccagatga   840
  59 agctcccaga atgccagagg ctgctccccc cgtggcccct gcaccagcag ctcctacacc   900
  61 ggcggcccct gcaccagccc cctcctggcc cctgtcatct tctgtccctt cccagaaaac   960
  63 ctaccagggc agctacggtt ccgtctgggg cttcttgcat tctgggacag ccaagtctgt 1020
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  67 tgtgcagctg tgggttgatt ccacacccc gcccggcacc cgcgtccgcg ccatggccat 1140
  69 ctacaagcag tcacagcaca tgacggaggt tgtgaggcgc tgcccccacc atgagcgctg 1200
  71 ctcagatagc gatggtctgg cccctcctca gcatcttatc cgagtggaag gaaatttgcg 1260
  73 tgtggagtat ttggatgaca gaaacacttt cgacatagt gtggtggtgc cctatgagcc 1320

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Input Set : N:\SMITH\PTO.TS1.txt
Output Set: N:\CRF4\11212005\J556640.raw

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 75 gcctgaggtt ggctctgact gtaccaccat ccactacaac tacatgtgta acagttcctg   1380
 77 catgggcggc atgaaccgga ggcccatcct caccatcatc acactggaag actccagtgg   1440
 79 taatctactg ggacggaaca gctttgaggt gcgtgtttgt gcctgtcctg ggagagaccg   1500
 81 gcgcacagag gaagagaatc tccgcaagaa aggggagcct caccacgagc tgcccccagg   1560
 83 gagcactaag cgagcactgc ccaacaacac cagctcctct ccccagccaa agaagaaacc   1620
 85 actggatgga gaatatttca cccttcagat ccgtgggcgt gagcgcttcg agatgttccg   1680
 87 agagctgaat gaggccttgg aactcaagga tgcccaggct gggaaggagc caggggggag   1740
 89 cagggctcac tccagccacc tgaagtccaa aaagggtcag tctacctccc gccataaaaa   1800
 91 actcatgttc aagacagaag ggcctgactc agactgacat tctccacttc ttgttcccca   1860
 93 ctgacagcct cccacccca tctctccctc ccctgccatt ttgggttttg ggtctttgaa    1920
 95 cccttgcttg caataggtgt gcgtcagaag cacccaggac ttccatttgc tttgtcccgg   1980
 97 ggctccactg aacaagttgg cctgcactgg tgttttgttg tggggaggag gatggggagt   2040
 99 aggacatacc agcttagatt ttaaggtttt tactgtgagg gatgtttggg agatgtaaga   2100
101 aatgttcttg cagttaaggg ttagtttaca atcagccaca ttctaggtag gggccacttc    2160
103 accgtactaa ccagggaagc tgtccctcac tgttgaattt tctctaactt caaggcccat    2220
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111 atcacactgg cggccgctcg agcatgcatc tagagctcgc tgatcagcct cgactgtgcc    2460
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115 tgccactccc actgtccttt cctaataaaa tgaggaaatt gcatcgcatt gtctgagtag    2580
117 gtgtcattct attctggggg gtggggtggg gcaggacagc aaggggagg attgggaaga     2640
119 caatagcagg catgctgggg atgcggtggg ctctatggct tctgaggcgg aaagaaccag    2700
121 ctggggctcg aggggatcc ccacgctaga gctgactata ataataaaac gccaactttg     2760
123 acccggaacg cggaaaacac ctgagaaaaa cacctgggcg agtctccacg taaacggtca    2820
-> 125 aagtccccgc ggccctagac aaatatta                                      2846
```

Counted 2848 (handwritten)

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 11/21/2005
PATENT APPLICATION: US/10/556,640   TIME: 15:10:58

Input Set : N:\SMITH\PTO.TS1.txt
Output Set: N:\CRF4\11212005\J556640.raw

<u>ralid Line Length:</u>
ə rules require that a line not exceed 72 characters in length. This includes spaces.

ɪ#:1; Line(s) 5   *Error Explanation*

ə <u>of <220> Feature(NEW RULES):</u>
ɥuence(s)__are missing the <220> Feature and associated headings.
ə of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence"
"Unknown". Please explain source of genetic material in <220> to <223>
:tion (See "Federal Register," 6/01/98, Vol. 63, No. 104,pp.29631-32)
əc.1.823 of new Rules)

ɪ#:1

VERIFICATION SUMMARY   DATE: 11/21/2005
PATENT APPLICATION: US/10/556,640   TIME: 15:10:58

Input Set : **N:\SMITH\PTO.TS1.txt**
Output Set: **N:\CRF4\11212005\J556640.raw**

```
10 M:270 C: Current Application Number differs, Replaced Current Application Number
12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
28 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1
30 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:1, <213> ORGANISM:Artificial
quence
30 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:1, <213> ORGANISM:Artificial
quence
30 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:30
125 M:254 E: No. of Bases conflict, LENGTH:Input:2846 Counted:2848 SEQ:1
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